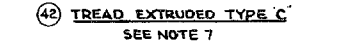
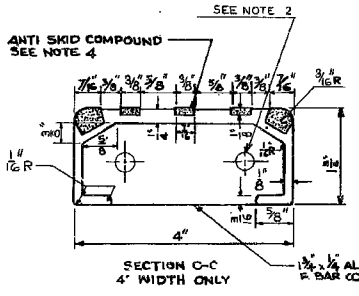
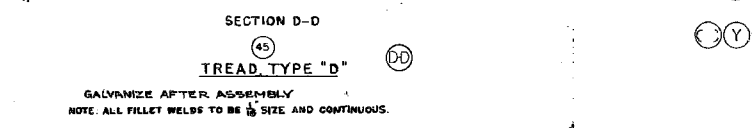
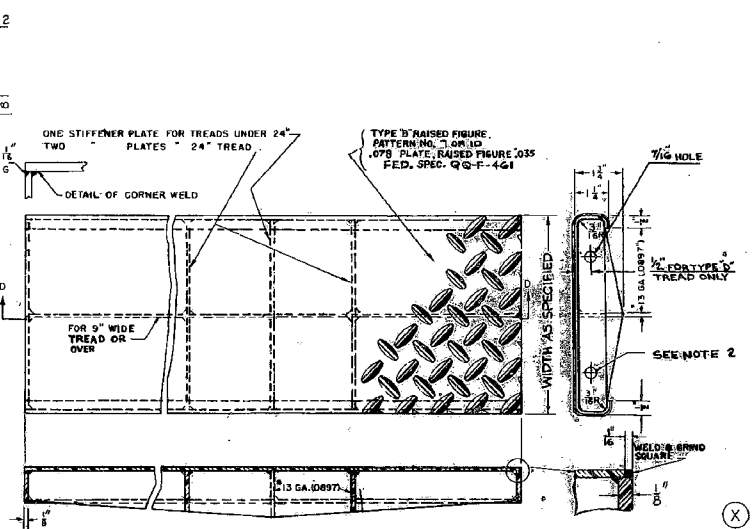
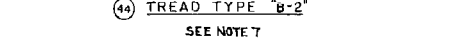
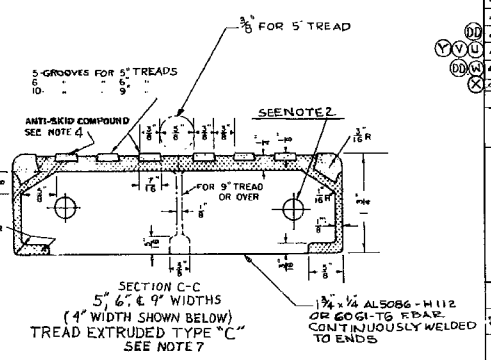
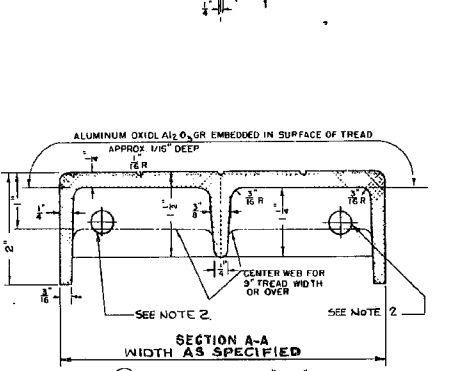
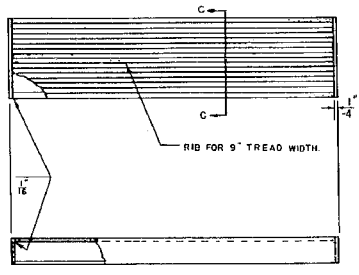
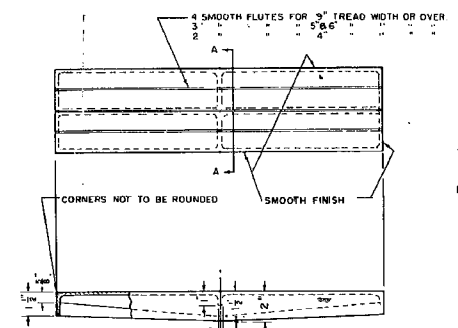


SECTION F-F



P.N.	NAME	PCS	SPEC	MATERIAL	REMARKS
42	TREAD, TYPE "C"	COM'L	AL 508E-HZ OR AL 508E-TS	EXTRUDED TYPE	
43	TREAD, TYPE "B"	COM'L	AL 195-T4		
44	TREAD, TYPE "B-2"	COM'L	AL 195-T4		
45	TREAD, TYPE "D"	261	STEEL		GALV. TYPE II, PT. 104-10
46	TREAD, TYPE "E"	COM'L	AL 508E-HZ OR AL 508E-TS		GALV
47	TREAD, TYPE "G"	COM'L	AL 508E-HZ OR AL 508E-TS		SEE NOTE #6
48	TREAD, TYPE "G"	COM'L	AL 508E-HZ OR AL 508E-TS		SEE NOTE #3
49	FIRE-GLASS TREAD	COM'L			SEE NOTE #3

*2. ACTIVITY ASSEMBLING LADDERS SHALL DRILL $7/16"$ D. HOLES FOR FASTENING TREAD TO STRINGER. HOLES SHALL BE LOCATED SO THAT TREAD MAY BE REVERSED.

REVISIONS CONT'D				
REV	DESCRIPTION	DATE	SECT	APP
C-C	DELETED GEN. NOTE NO. 6	1-9-68	257	CLARK
D-D	MODIFIED NOTE 3 FOR TYPE G TREAD MODIFIED SECT 6-10 TO 10' TREAD. INSTALLED TREAD COVER, MODIFIED SECT D-D TO REMOVE PC 47. CHANGE MATL FOR PC 46 & 48. MODIFIED TITLE BLOCK ARR AND DRAWING NO AND PREFIX	3-5-68	258 FIRST	WAT
<p style="text-align: center;">P. 105</p> <p style="text-align: center;">GGG</p>				

① REFERENCE DRAWING		
INCLINED LADDERS, ALUMINUM, DETAILS		BU.NO.805-1749003
" " " ASSEMBLIES		" " 805-1749002
ACCOMMODATION LADDER, " FEATHERING TRDS		" " 805-1749043
" " " FIXED TREADS		" " 805-1749042
GANGWAY		" " 805-1749049
INCLINED LADDERS STEEL, ASSEM & DETAILS		" " 1604-860039
" " " " "		" " 1604-860040

RESIN IMPREGNATION OF THE CLOTH AND GRIT SHALL BE TOTAL AND SHALL BE FREE OF VOIDS. ALL AREAS OF THE STEEL BASE NOT COVERED BY THE SLIP-RESISTANT COVER SHALL BE PAINTED WITH ONE COAT EACH OF FORMULA 150 AND FORMULA 151 OF MIL-P-24441 WITH A .005 IN. MINIMUM TOTAL DRY FILM THICKNESS, FOLLOWED BY TWO COATS OF ENAMEL, FED SPEC TT-E-190, HAZE GRAY COLOR 36270 OF FED STD 595, .001-.002 INCH PER COAT DRY FILM THICKNESS.

TESTING

AFTER FABRICATION, THE LADDER TREAD SHALL BE TESTED AS FOLLOWS:

(1) WEAR RESISTANCE. WEAR RESISTANCE IS DETERMINED BY SUBJECTING THREE (3) INCH BY

WEAR RESISTANCE. WEAR RESISTANCE IS DETERMINED BY SUBJECTING THREE 2 INCH BY 3 INCH SPECIMENS FROM A LADDER TREAD TO 1000 REVOLUTIONS OF THE WEAR TEST MACHINE OF ASTM D1242, METHOD A. WEAR SHALL BE DETERMINED AT 12 PLACES ON EACH SPECIMEN. AVERAGE WEAR SHALL NOT BE GREATER THAN .050 INCHES, AND SHALL REPRESENT NOT MORE THAN 1/3 OF THE TOTAL THICKNESS OF THE SLIP-RESISTANT COVER.

SPECIMEN ON A 15 INCH BY 15 INCH BY 1/2 INCH THICK STEEL PLATE AND SUBJECTING THE SPECIMEN TO 25 IMPACTS OF A 2 POUND SOLID STEEL BALL SO THAT THE IMPACTS ARE IN A 5 BY 5 PATTERN SPACED 3/4 INCH APART. THERE SHALL BE NO SIGNS OF DELAMINATION FROM THE BASE, NO INDENTATIONS MORE THAN 1/16 INCH DEEP, AND NO SPALLING MORE THAN 3/8 INCH FROM THE CENTER OF IMPACT.

THE ABRASIVE COMPOUND IN THE GROOVES ON TYPE "C" TREADS SHALL BE COMPOSED OF ALUMINUM OXIDE (Al_2O_3) BONDED WITH A SYNTHETIC RESIN, OR EQUIVALENT, APPLIED TO INSURE THE WATER TIGHTNESS OF THIS MATERIAL AND OF THE BOND TO THE SIDES AND BOTTOM OF GROOVE. THERE SHALL BE NO PENETRATION OF MOISTURE INTO THE GROOVES, AND NO CRACKING OR LOOSENING OF THE COMPOUND.

TYPES B, B-2, C & F TREADS SHALL NOT BE PAINTED UNLESS CALLED FOR IN ORDER. IN NO CASE SHALL PAINT BE APPLIED TO NON-SKID SURFACES.

~~PUNCHED HOLES (SECT. 7) MAY BE ELIMINATED IN TYPE I TREADS IF SO STATED IN ORDER.~~

FLAT BAR ENDS MAY BE OMITTED IF SO STATED IN ORDER.

THIS DRAWING ILLUSTRATES THE GENERAL

THIS DRAWING ILLUSTRATES THE GENERAL ARRANGEMENT OF EQUIPMENT. MINOR VARIATIONS ARE PERMITTED, HOWEVER, MATERIAL COMPOSITION (UNLESS OTHERWISE NOTED) AND ITEMS MARKED WITH AN ASTERISK (*) ARE MANDATORY REQUIREMENTS.

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON DIMENSIONS
ARE TO BE AS APPROVED BY
PROCURING ACTIVITY.

THIS DWG REPRODUCED FROM
BU. N° 91604-860041 REV'D

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON DIMENSIONS
ARE TO BE AS APPROVED BY
PROCURING ACTIVITY.

			DEPARTMENT OF THE NAVY WASHINGTON, DC		
			NAVAL SHIP ENGINEERING CENTER		
			HULL TYPE DRAWING		
CH. DES. ENG.	M.D.W.	NYS	INCLINED LADDERS		
BRANCH SUPV.	S.N.O.W.	NYS			

SEC SUPV	T.M.	NYS
CHECKER	T.M.	NYS
DESIGNER	T.M.	NYS

DRAWN	U.S.W. NYS	SIZE	CODE IDENT NUMBER	NAVSHIPS DRAWING NO.	REV
SIGNATURE W.W.A.	NYS		80064	804 860041	D-0

FOR COMMANDER BUSHIP	1180064 004-860041	00
DATE 2 MAY 1945	SCALE: 3" 6 1/2" 4'-0" WT	SHEET 1 OF 1